William H. Sadlier, Inc.

Progress in Mathematics Grade 5

Student Textbook Hardcover

Teacher Edition		
9780821582152		$126.00
Progress in Mathematics Grd 5 ATE		
9780821582350		$20.94
Progress in Mathematics Grd 5 Twk		
Essential Items		
Ancillary Items		
9780821583159		$147.00
Progress in Mathematics Grd 5 Additional Practice Test Generator		
9780821583456		$339.00
Progress in Mathematics Grd 5 Classroom Manipulative Kit		
9780821582657	Nimas	$49.50
Progress in Mathematics Grd 5 Test Booklet 10 Pack		
9780821582251	Nimas	$9.99
Progress in Mathematics Grd 5 Workbook		
Free with Purchase items		
9780821581353	Critical Thinking for Active Math Minds Grd 5	$14.20
Per each Student Sourcebook Purchased		
9780821582251	Student Workbook Grade 5	$9.99
Per each Student Textbook Purchased		

ISBN
9780821582053

Contract Price
$57.00

Grade
5

TYPE
P1

Copyright
2009

Author
Posamentier et al

Edition
First

Content
Mathematics

Readability
5

Accessibility
Nimas

Research
www.sadlier-oxford.com

Provided by the Publisher

ISBN 9780821582053	Publisher - **William H. Sadlier, Inc.**		
Progress in Mathematics Grade 5			
Type - P1	Author - Posamentier et al		
Copyright - 2009	Edition - First	Readability - 5	
Course - Mathematics		Grade(s) - 5	
Teacher Edition ISBN if applicable..... 9780821582152			

Provided by the Publisher

Overall Recommendation: **Recommended as BASAL**

if this box is not checked, the evaluators have chosen NOT recommend as basal

Overall Strengths, Weaknesses, Comments:

Click here to enter text.

NIMAC Accessibility	N	
Ancillary	Yes	
Free with Purchase	Yes	
Research	Yes	www.sadlier-oxford.com
Student Textbook Hardcover		

CRITERIA

This basal resource …

A. Encompasses KY Content Standards & Grade Level Expectations	**Strong Evidence**

Text is designed to be used in an elective course outside the Program of Studies

1) Includes the 5 Big Ideas of mathematics to the following extent:	
a) Number Properties and Operations	Strong Evidence
b) Measurement	Strong Evidence
c) Geometry	Moderate Evidence
d) Data Analysis and Probability	Strong Evidence
e) Algebraic Thinking	Moderate Evidence
2) Addresses content-specific enduring understandings from the related Program of Studies standards.	Strong Evidence
3) Addresses content-specific skills and concepts from the related Program of Studies standards.	Moderate Evidence
4) Content addressed is current, relevant and non-trivial	Strong Evidence
5) Provides opportunities for critical thinking/reasoning	Strong Evidence

6) Strengths, Weaknesses, Comments:

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

The strengths of the program are it is appealing to the student's eye with pictures, highlighted vocabulary and color coded by skill, practice and problem solving. It is not too busy that students cannot navigate throughout and find supporting information to be successful. There is practice within the textbook as well as added Critical Thinking and Practice workbooks to support the program.

The weaknesses in the program are missing vocabulary (i.e. Point, line segment…) in Geometry. Our concern is concepts are covered in one lesson and the unit moves on and may cover twelve different skills which is very overwhelming to students, specifically in Geometry and Algebraic Thinking. The Big Idea of Algebraic Thinking includes all skills and concepts, but is limited on basic extending patterns, rules for patterns using numbers, pictures and words and picture representations.

B. Functionality & Suitability **Strong Evidence**

1) Suitability **Strong Evidence**

- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) Content quality **Strong Evidence**

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

3) Connections to Literacy **Strong Evidence**

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text

Note: may apply to either student or teacher editions

4) Connections to Technology **Strong Evidence**

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

5) Support for Diverse Learners **Strong Evidence**

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The teacher's book is very beneficial for supporting the teacher with strategies for differentiated instruction for all students and ELL planning guide.

C. Supports Inquiry and Skill Development **Strong Evidence**

1) Promotes Inquiry, research and Application of Learning Strong Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

Click here to enter text.

D. Supports Best Practices of Teaching and Learning **Moderate Evidence**

1) Engages Students Moderate Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction Moderate Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

There is evidence in the program of Best Practices and Assessment. We were able to find very little experiments and student gathering of data other than the hands-on activities in the beginning of a lesson. There is little independent inquiry to engage the students. The assessments are varied from Diagnostic Pretests, Pretests, Skills Update and Posttest. No short answer or written Open Response other than Journal Writing Prompts. Questions showed very little variety of Depth of Knowledge

levels.

E. Has an Organization/ Format that Supports Learning and Teaching **Strong Evidence**

1) Organizational Quality — Strong Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text) Moderate Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Click here to enter text.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Little or No Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The only two ancillary items found were for assessment purposes. No evidence of manipulative kits, Problem of the Day chart or transparencies provided.